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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/547,398	04/11/2000	Hiroshi Satomi	862.C1893	4944

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EXAMINER

MEHRPOUR, NAGHMEH

ART UNIT PAPER NUMBER

2686

DATE MAILED: 03/01/2004

25

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/547,398

Applicant(s)

HIROSHI SATOMI

Examiner

Naghmeh Mehrpour

Art Unit

2686

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 05 December 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) 14,18-20,22,24,26 and 28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) 1,18-20,24,26 and 28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 24.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

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DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statement filed reference listed in the information Disclosure submitted on 10/27/03, 12/08/03, have been considered by the examiner (see attached PTO-1449).

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. **Claims 14, 22, 24, 26, 28**, are rejected under 35 U.S.C. 103(a) as being unpatentable over by Behrens et al.(US Patent Number 6,609,034 B1) in view of Dodds Jr. et al. (US Patent Number 3,648,245).

Regarding **claims 14, 22, 24, 26, 28**, Behrens teaches a portable terminal/method/computer 103 comprising:

a display 68 (See figure 4, col 9 lines 21-24) for displaying received information, an indicator (print screen key) for performing an extraction of

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information and indicating a transmission of the information to an external device remote (printer, col 17 lines 43-46),

an extraction unit (processor or host controller) for, when an extraction of an information is indicated by said indicator (print screen key), extracting at once all of an extractable information code from the information displayed by said display 68(col 19 lines 10-24 the processor receives a signal from the print key screen and transmits the signal information to the printer),

a memory 308 for storing the information extracted by said extraction unit, and a transmitter for when transmission of an information code is indicated by said indicator (print screen key) (col 19 lines 1-4, lines 15-24), transmitting at once all of the information code (the information that the print screen key transmits from the keyboard to the processor and from processor transmits to the printer) stored in said memory to the external device (printer) (col 19 lines 1-8),

an indicator comprising a single physical key indicating (screen print key) to the external device (printer) to display designing print conditions of the information (col 19 lines 15-24, col 20 lines 5-24).

Behrens fails to teach a portable terminal wherein the external device (computer/printer) acquires information corresponding to the information code specifies information stored in the external device (computer) and indicates to the external device (computer) to display 68 a window . However Dodds explains when a print key depressed how the information transfers to the external device (printer). Dodds teaches a printer interface allows the

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connection of a suitable printer to the display control unit, a memory content associated with any keyboard-monitor may be printed upon command of the associated keyboard PRINT key, or by the presence of the third bit of an address character code received from the System (col 8 lines 55-62, col 9 lines 1-12), when using the printer interface, a variation of the invention enables a portion of the Terminal memory characters to be used as a buffer between communications inputs and the printer. The portion of memory so assigned is unavailable for display purposes, however, the Terminal will function exactly as if a keyboard-monitor unit was assigned to the printer-buffer area of memory (col 9 lines 1-7). Depressing the PRINT key evokes Frame Print. This results in all the data in the particular memory section being printed. Each character is read out to the printer via the sense amplifiers the memory information register, the output data translator a mode controls 172 and a printer output registers each character is printed, the cursor memory address registers counted up by one count until the end-of-screen character EOS of the particular memory section is detected, to end the print operation and to unlock the keyboard. By depressing the PRINT key, Selective Print will be evoked (col 43 lines 45-75, col 44 lines 1-47). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the above teaching of Dodds with Behrens, in order to provide variety of selection such as selection identification addressing, fast select, broadcast select by using a signal key, for purpose of having some control over the system.

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Regarding **Claim 18**, Behrens teaches an apparatus wherein the information identification code is information formed from numerical number (col 19 lines 52-60).

Regarding **Claim 19**, Behrens teaches an apparatus wherein comprising: an inquiry unit for after the information identification code is transmitted by the transmitter, inquiring whether the information identification code stored in the memory is to be erased (col 17 lines 60-67).

Regarding **Claim 20**, Behrens teaches an apparatus wherein an erase unit for erasing the information identification code is instructed as a result of an inquiry by the inquiry unit (col 18 lines 56-59).

Response to Arguments

4. Applicant's arguments with respect to claims have been considered but are moot in view of the new ground(s) of rejection.

5. **Any responses to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314, (for formal communications indented for entry)

Or:

(703) 308-6306, (for informal or draft communications, please label

"PROPOSED" or "DRAFT")

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Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, Va., sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Any inquiry concerning this communication or earlier communication from the examiner should be directed to Melody Mehrpour whose telephone number is (703) 308-7159. The examiner can normally be reached on Monday through Thursday (first week of bi-week) and Monday through Friday (second week of bi-week) from 6:30 a.m. to 5:00 p.m.

If attempt to reach the examiner are unsuccessful the examiner's supervisor, Marsha Harold-Banks be reached (703)308-5576.

NM

Feb 20, 2004

Marsha D Banks-Harold
MARSHA D. BANKS-HAROLD
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600